

"Dedicated to Public Service"

THE RADIATOR



W6RHC
IRL #8170



<http://>

P.O.Box 508 Chico, CA 95927-0508

Founded: August 13, 1939

June, 2017

Coming Events

O.A.R.S. GENERAL MEETING Second Friday, of month, 7:00 p.m., at St. Paul's Church Parrish Hall, 1430 Pine St., Oroville

G.A.R.S. Second Thursday of month, 6:30 p.m. Lutheran Church Hall, Artois; .

G.E.A.R.S General Meeting, third Friday of month, Butte County Search and Rescue Bldg., Chico. Social hour 6:00, meeting at 7:00.

Board Meetings: 2nd Saturday of month

Butte A.R.E.S. MEET: fourth Friday, at Butte County Search and Rescue Building.

FCC EXAMS - GEARS VEC

First Sunday of every even numbered month.

At the Butte County Search and Rescue Building,.
Written test at 2:00 p.m. For information or pre-registration call Tom Rider -W6JS; 530-893-9211

Club Events: News and items of interest

GEARS Calendar...all inside.



Picture courtesy EVARC

The Prez' Says:

QST de KA6GND

What a wonderful fun time that we had at the annual club auction! Thank you Michael N6FAV & Kathy K6FAV for your work in organizing, transporting, setting up and keeping track of the sales. Thank you also to Rick KI6VOS as auctioneer and any others who made this event a success.



I am still so happy with my purchase in the auction of the beautiful brass straight key from the estate of silent key Dick W6BIN. I am making contacts with it and love the sending action of it. It will most likely be my main code key now.

Rick KI6VOS is chairing this year's Workshop which should be very fun, educational and enlightening. Stay tuned for more information and opportunities.

Thank you to Michael, Kent, Dale and myself for the recent work day with raking and burning around the repeater building in Forest Ranch. It is imperative that we do this to make the area fire safe each summer.

It is going to be a very busy summer for my wife and I (and Brinkley) but I hope to get on the air as much as I can to have QSO's with many of you and others.

73 for now,

Larry Marcum, KA6GND

GEARS President

[530-345-5399](tel:530-345-5399)

ka6gnd@gmail.com

Minutes of June 2017 Board Meeting.

Sorry everybody, no minutes available for the May Board Meeting. Will e mail them separately when I receive them.

I also have no report on the upcoming Field Day .

DJ

The Northern Amateur Relay Council of California - (NARCC) Board Meeting

The Northern Amateur Relay Council of California, Inc. (NARCC) is the Amateur Radio coordinating organization for the 10 meter band and higher in Northern California.

Their next Board Meeting will be held on Saturday, August 5th, 2017. The meeting will be held at the Ygnacio Valley Library - 2661 Oak Grove Rd, Walnut Creek, CA 94598.

In cooperation with the FCC, ARRL, and the support of the hams in northern California, NARCC performs the repeater coordination function for the region. NARCC's region extends from California's coast to the Nevada border and from Tehachapi in the south to the Oregon border in the north.

All amateurs with repeaters in the region are urged to file for Coordination and maintain their station data with NARCC. Having a station with a current Coordination helps should a dispute arise.

NARCC is made up of a board of directors elected by the membership. Frequency coordinators are appointed by the board. All are unpaid volunteers.

<http://www.narcc.org/>



The June Sac Valley Section News is Live

The June news from ARRL Sacramento Valley Section clubs and members is now posted on arrlsacvalley.org

This month's highlight is the ARRL Field Day on June 24-25, amateur radio's premier annual public exposition and exercise of emergency communication response capabilities. The general public and all radio amateurs regardless of license class can participate! Roger KI6FYF and I plan to visit Field Day sites throughout the section, so be sure to add your Field Day site to the ARRL Field Day Station Locator. Log on <http://www.arrl.org/field-day> and click on the Field Day Locator link. Publicize your Field Day activity (use hashtag #ARRLFD on social media) and find a nearby site on the ARRL Field Day Station Locator. For more information on ARRL Field Day including official rules, bands, log submissions and more visit: <http://www.arrl.org/FieldDay>

A Section-wide net is scheduled for Thursday, June 15. The net will commence after the Yuba-Sutter ARES net closes about 7:30 pm Pacific Time on the WD6AXM 146.085 MHz FM repeater, immediately followed by an HF net on 5330.5 kHz USB (alternate 3880 kHz LSB if no propagation). We will issue an Official Bulletin reminder prior to the net.

I was delighted to see many of you at the May 21 Hamfest in Carmichael. Congratulations to the North Hills Radio Club for putting on another successful event.

Our website, Facebook and Twitter pages are a work in progress, and your suggestions and submissions are always welcome. You can still send items for the June news to [kp4md\(at\)arrl.org](mailto:kp4md@arrl.org). The arrlsacvalley.org website is visited most during the first week of each month, but do check back as we try to update it each weekend with late breaking news.

*ARRL Sacramento Valley Section
Section Manager: Dr Carol F Milazzo,
KP4MD kp4md@arrl.org*

'Don't worry about the world coming to an end today, it's already tomorrow in Australia'

WHAT IS FIELD DAY?

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

But despite the development of very complex, modern communications systems — or maybe because they ARE so complex —ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called “hams”) are well known for our communications support in real disaster and post-disaster situations.

What is the ARRL?

The American Radio Relay League is the national association for Amateur Radio in the USA, representing over 171,000 FCC-licensed Amateurs. The ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

What is Amateur Radio

Often called “ham radio,” the Amateur Radio Service has been around for a century. In that time, it’s grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment, but can create whole new ways to do things.

For More Information visit: www.arrl.org

Updated: 1/2017





Random photos taken of May auction. Photos of the donated items by Dale Anderson-kk6evx- Thank you Dale.

Tube of the Month

UV815

The "UV" prefix on a tube was first used in the US to indicate that it had short pins. The "UX" tubes had long ones. The 815 was a common RCA tube from the 1940s, but used an octal socket. The UV815 was something different. In Japan before WWII, some tubes were clones of US types and others were all Japanese design. They adopted the use of the UV prefix, but numbered their tubes independently.

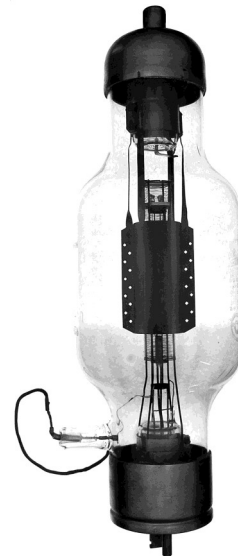
During WWII, there were units in the field charged with collecting anything Japanese after a battle. There were intelligence units and all the things they found was shipped to the US for analysis.

A book was published in 1944 describing this information including all the radio gear. From what I have been told, there was a large warehouse in Ohio containing all this captured radio gear. When the War ended, the place was abandoned. Local Hams were permitted to go shopping inside. More tubes and equipment were picked up all over the Pacific. People are still finding things today.

Visit the museum at N6JV.com

Norm N6JV

When I saw an advertisement for a UV815, I had no idea what it was, but recognized that it had to be Japanese because of the UV. It was located in Hawaii and survived the shipping to California. A search of published lists and web sites in Japan were of no use. The Japanese seemed not to know its history. A tube collector, who works at a University, found a report in some old files that describes the use of a pair of UV815s in a Japanese Army, 1 KW transmitter in 1939. I have never found additional photos. The UV815 is a tetrode and stands 18.25 inches high. I imagine very few of these tubes survived the war and would love to find out where it was found.



Club Officers: (Board of Directors)

PresidentLarry Marcum-ka6gnd
Vice President..... Stephen Wolske-kf6hss
Secretary Michael Favor—n6fav
Treasurer..... ..Rick Hubbard- ki6vos
Past PresidentAnna Horn Kg6goa
Director..... Tom Rider-W6JS
Director..... ..Gene Wright-wa6zrt
Director..... Dale Anderson kk6evs

Club Meetings:

General Meeting Third Friday 7:00 PM

Board Meeting Second Saturday

GEARS Club Net

Tuesdays 7:30 PM 146.850 MHz-PL 110.9

GARS Club Net:Monday,7:00 pm 147.105+Mhz
PL 110.09

Thursdays Simplex Net 7:30 p.m. 146.52

Sacramento Valley Traffic Net

Nightly 9:00 PM 146.850 MHz-PL 110.9

ARES Nets:

Butte Mondays 20:00 146.850 MHz-PL 110.9

Yuba Sutter Thursdays 19:00 146.085+MHz PL 127.3

Glenn Thursday 19:30 147.105 MHz +PL 100.0

Other Nets:

Willie Net 8:00 PM Mondays 1930 kHz

Sac Valley Section Net—7:00 PM 2nd Wed of the
month 146.085 MHz+PL 127.3

440 Wed. Night 8:00 PM Wednesday 440.650 MHz

Golden Bear 7:00 PM Daily 3975 kHz Western Public
Service System (WPSS)

7:30 PM 3952 kHz

ARISS (*International Space Station*) Uplink 144.490

MHz Downlink 145.800 MHz

Hope-1 satellite: all uplinks are in 145Mhz band:

All downlinks are in 435Mhz band

...California Traffic Net: 3906 KHz nightly @6:00

pm .For traffic listing & @6:30 p.m. for roll call.

The GEARS Newsletter Staff:

Editor and Publisher.....Dorothy Post

Printing & Distribution snail mail: Evelyn Weir

Website...Michael Favor-N6FAV

The Radiator is a monthly publication of the Golden Empire Amateur Radio Society (GEARS). It is the policy of the Editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio, of interest to GEARS members, and space is available. Please send all submissions to the Editor – Dorothy Post by the last day of the month through the following medium: E-mail: dj@posthouse.us

Hey, Brinkley-K9dog here:

That auction last month was FUN! There was so much joking and laughter, I wondered how Rick-Ki6vos-managed to keep a sober countenance (he didn't always do so). I didn't understand much about auctions, and until last week, I didn't understand Field Day. Just WHAT IS FIELD DAY???

All the chatter about Field Day. Boy, what a disappointment—all this time I thought when KA6GND was telling me we are going to Field Day, he was speaking of a romp in a meadow, me chasing rabbits? Or maybe even butterflies? Squirrels? But heck no, he read the article to me—the one on page 4 (well his computer read it to us) ..what a let down! But all clouds have silver linings I am told, and I do get to go along and watch all the Hams working those radios and computers. They are so funny! They get so happy when they talk to another Ham from far away. It's fun to listen to them, and it is always fun for me to be with my Ham—(a real person not a ham sandwich)

KA6GND is excited and all the Hams he is speaking to are really enthused!

So thank you Larry, I am glad you are not leaving me behind and, everybody, I look forward to seeing you there too!



Brinkley,
K9DOG

Date	Time	Event	Location	Contact party
Sunday, June 4, 2017 Sunday , August 6, 2017	2:00 p.m.	VEC—Exams	Butte Co. Search & Rescue Building 2591 Morrow Lane, Chico	Tom Rider 530-893-9211
Thursday June 8, 2017 Second Thursday each month	6:30 p.m. Board and General Meeting .	GARS-Glenn Glenn Amateur Radio Society \\	Lutheran Church Hall: Artois	Mike Ellithorpe 530-518-3730
Friday, June 9, 2017 Second Friday each month	General Meeting	OARS Oroville Amateur Radio Society General Meeting	St Paul's Church Parrish Hall 1430 Pine Street Oroville	Ron Osborne-kd7uhf 530 589 1834 kd7uhf@yahoo.com
Saturday June 10, Second Saturday Each month	Board meet: 9:00 a.m.	GEARS Board of Di- rectors Meet Members are Invited!	Blood Source Blood Source Bldg 555 Rio Lindo Ave	Larry Marcum, KA6GND 530 345 5399 ka6gnd@gmail.com
Friday June 16, 2017 Third Friday each month.	Open 6:00 p.m. ANNUAL GEARS HAM AUCTION	GEARS Golden Empire Amateur Radio Society	Butte County Search and Rescue Building 2591 Morrow Lane Chico	Larry Marcum, KA6GND 530 345 5399 ka6gnd@gmail.com
June 24, 25, 2017	FIELD DAY	FIELD DAYS	? ??? TBA	Michael Favor N6fav 530-899-8878

Bring Your Old Eyeglass Wear to GEARS for the
 LIONS Club Eyeglasses donation Box
 Prescription glasses, or magnifying eyeglasses, sunglasses, but no loose lens—frames are a necessity.
 This is a club community effort in which all members may participate with minimal effort.
 Let us FILL that box up!!!!

!Donations to GEARS are TAX DEDUCTIBLE!
 We are a 501 c 3 organization, and as such, donations, cash, or materials, donated to GEARS are
 Tax deductible. When you donate to GEARS, be sure you receive a letter of acknowledgment
 from our Secretary as proof of the donation and its value for the State and Federal Tax
 Authorities. This is a win-win for GEARS and for you, the member or the party donating!